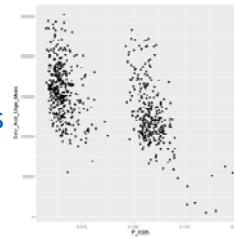


Behavior is Homogeneous within rate and NAICS categories

Rank NAICS by Consumption
Identify Top Rate

Grocery Stores
#3
TOU-GS3B



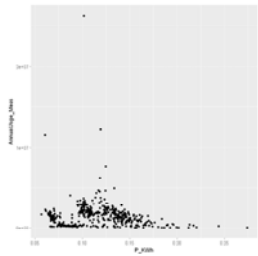
Consumption vs \$/kWh paid

Explore – what is possible and useful, insights

1

Rank Rates by Consumption
Identify top NAICS

Cellular & Other
TOU-GS2B



Consumption vs \$/kWh paid

Hypothesis – Available Load Flexibility ~ Difference between Leaders and Laggards

Validate Bill calculation

Separate into Laggard and Leader/Other Groups

3

QA – Logs, Heat Maps and Daily load curves (Normalize load)

3

Calculate area between daily load duration curves=flexibility

3

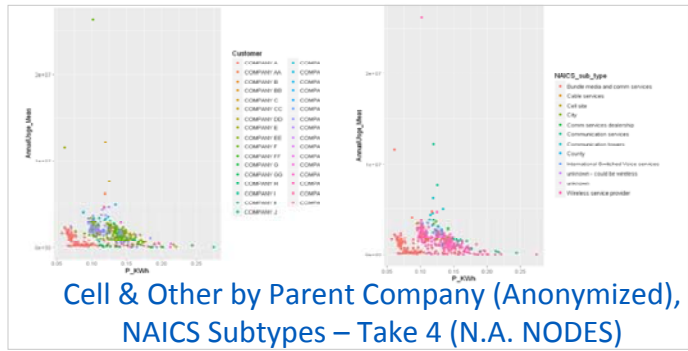
Renormalize & 1) validate with LBNL methodology -Peter 2) Urban Outfitters-James, 3)MAPS Production Simulation-Debbie

3

ARPA-E GE NODES – Quantifying Flexibility Available to Power System from the Load – Take 2

Cell & Other - Leaders (15-15)

Cell & Other - Laggards (15-15)



Subtypes – Understand Flexibility from change in Behavior, rates and / and building controls

Algorithm

